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**DIVISION**  
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**UNIVERSITY FARM**  
**ST. PAUL MINNESOTA**

**THIRD ANNUAL**  
**MINNESOTA CARLOAD BABY BEEF**  
**BREEDING AND FEEDING CONTEST**  
**1927-28**

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Various livestock interests in cooperation with the Agricultural Extension Division of the University of Minnesota offer premiums for the heaviest carloads of 15 baby beeves produced in Minnesota at the age of 410 days.

**Rules and Regulations**

**I. Enrollment**

1. Any farmer in Minnesota is eligible to enter the Minnesota Carload Baby Beef contest.
2. Calves entered in this contest must be fed by the contestant.  
They may be -
  - (a. Bred on the farm
  - (b. Purchased in dam
  - (c. Or purchased on or before they are 90 days old. (That is, they may be purchased along with their dams; or purchased and entered on or before 90 days old, but allowed to run with their dams until 7 months of age before delivery.)

All contestants will be required to furnish exact date of birth and breeding of all calves entered.

3. A "Carload" shall consist of 15 baby beeves.
4. Steer or heifer calves are eligible.
5. All entries must be made upon special blanks which may be secured through the County Agent or the Agricultural Extension Division.
6. Calves to be entered in the 1927-28 contest must be dropped on or after February 1, 1927 and on or before July 31, 1927.

**II. Breeding of Calves**

1. All calves entered in the Minnesota Carload Baby Beef contest shall be sired by a pure bred bull recorded in one of the following registry associations.

American Aberdeen Angus Breeders' Association  
American Galloway Breeders' Association  
American Hereford Breeders' Association  
American Shorthorn Breeders' Association

2. All calves must be the produce of cows showing Aberdeen Angus, Galloway, Hereford or Shorthorn breeding.

**III. Ear Marking and Nomination of Calves**

1. Each calf to be entered in this contest shall be ear marked within 90 days after birth. This may be done with (1) tattoo marks, or

(2) notches in the ear, - each calf to have a separate and distinct number or mark. A certified report of this marking together with date of birth, sex, color markings and name of sire and identification of dam must be forwarded to the county agent or the Agricultural Extension Division, for each individual calf within 90 days after birth. Blanks will be provided for this purpose.

2. Calves not ear marked within 90 days after birth will not be eligible, unless sufficient evidence is available to prove beyond question the exact date of birth of each calf. Final decision as to eligibility will be rendered by the Carload Baby Beef Contest Committee.
3. Each contestant may nominate as many as 20 calves if he desires, a minimum of 15 being required. If more than 15 are entered, each contestant has the privilege of selecting his best 15 calves for determining the final weight of his carload.

#### IV. Inspection of Calves

1. Each calf entered in this contest shall be inspected by the County Agent or some other disinterested party within 90 days after birth. A report of this inspection shall be made to the office of the County Agent or the Agricultural Extension Division.
2. This inspection will report date of birth, sex, ear mark, other identification, and name of sire and identification of dam for each calf.

#### V. Feeding Practices

1. The use of "nurse cows" WILL NOT be permitted in this contest. Calves must be raised either on their own mothers or on the pail.
2. No other limitations will be placed on the method of feeding or kind of feed used, for the object of this contest is to find out the most profitable method of growing and feeding baby beeves for the market.
3. Grain feeding the calves through the summer before weaning is permitted and recommended.

#### VI. Feed Records

1. Each contestant will be required to furnish the following information to the County Agent or the Agricultural Extension Division:
  - a. Rations fed the cow herd from -
    - (1) Breeding to calving and
    - (2) From calving to weaning
  - b. Pasture used
  - c. When calves were started on feed
  - d. Estimate of kind and amount of feed used
  - e. Feed yard equipment
  - f. Feeding and management methods followed.

#### VII. Official Weights of Calves

1. An inspection and weighing committee shall consist of two or more disinterested parties.

2. The 15 baby beeves included in the carload should be weighed when they average 410 days old. This means the weight should be taken on the 411 day. Some calves will naturally be older and some under 410 days at this time. If it is impossible to weigh on the 411 day, they must be weighed within 5 days preceding or 5 days following this date. If not weighed on the 411 day  $2\frac{1}{2}$  pounds per calf per day will be added to or subtracted from the weight reported, to adjust the weight to the proper date.
3. Reports of the final inspection and official weights shall be made on special forms, within 7 days after weighing, to the office of the County Agent or the Agricultural Extension Division.
4. Reports not received in the office of the Livestock Specialist of the Agricultural Extension Division on or before October 15th will not be accepted for awards.

#### VIII. Awards

1. If possible awards will be made on a basis of quality and weight. In case such arrangements can not be made, final weights will be used to decide awards as in the 1925-26 and 1926-27 contests. The heaviest carload of 15 baby beeves at 410 days of age would then be awarded first prize, next heaviest carload will receive second prize, etc.
2. The rules for this contest and awarding of prizes shall be under the direction of the Minnesota Carload Baby Beef Contest Committee.
3. Suitable prizes and trophies will be awarded the winners in this contest.

#### IX.

All reports such as entry cards, memorandum of rations, and final weights shall be forwarded to the office of the Livestock Specialist, Agricultural Extension Division, University Farm, St. Paul, through the County Agent, in all counties where one is located. For further information write to W.E. Morris, Agricultural Extension Division, University Farm, St. Paul, Minnesota.

MINNESOTA CARLOAD BABY BEEF COMMITTEE

## Suggested System for Ear Marking Calves

Marking calves shortly after birth eliminates guess work of identification. Ear notching is one of the best systems. A V-shaped mark may be made by a special instrument or clipper especially made for this purpose. A simple and easy system recommended is illustrated below.

In this system a notch in the outer margin of the right ear always has a value of one no matter where it is located in the margin. Similarly a notch in the outer margin of the left ear always has a value of three, no matter where located; one in the inner margin of the right ear always has a value of ten, and one in the inner margin of the left ear thirty. Simply add the sums represented by the notches to get the number of the calf.

KEY  
10 right 30 left

